

Environmental Justice

The Basics

May 20, 2015

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Environmental Specialist

Salem District, Environmental Section

Environmental Justice

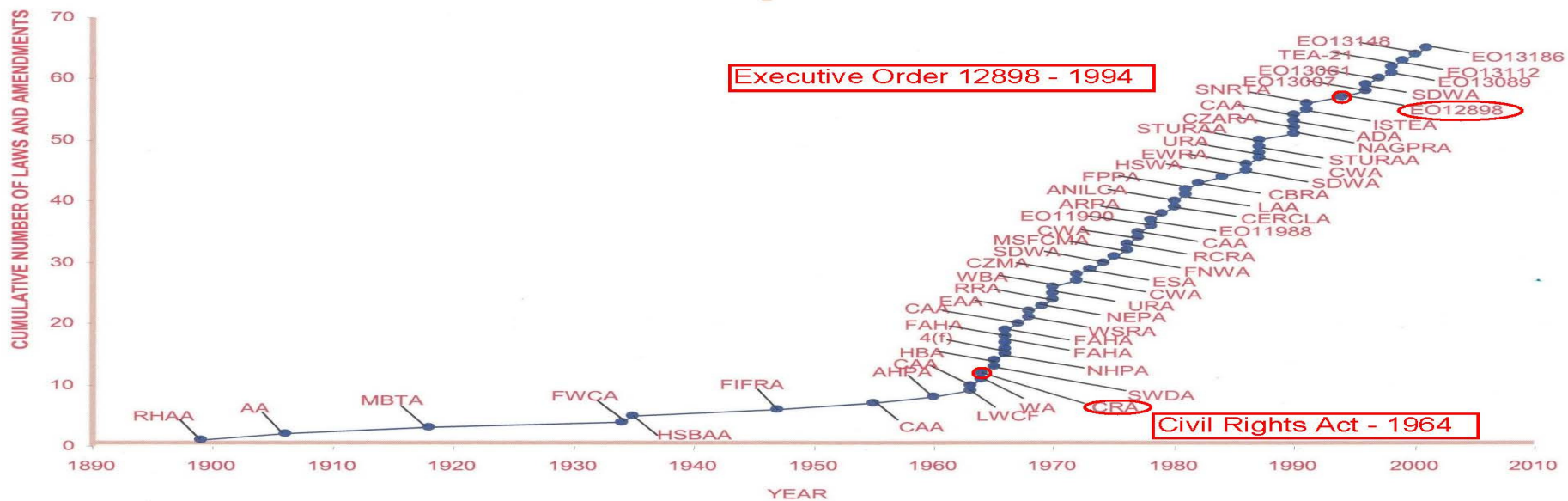
Distribution and effects of environmental problems and the policies and processes to reduce differences in who bears environmental risks.



Concern for the disproportionate risk burden placed upon any population group as defined by gender, age income, and/or race.

The fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect environmental laws, regulations, and policies.

Federal Environmental Laws & EOS Affecting Transportation



Environmental Justice Analysis

The Environmental Justice Study Area should be determined by the NEPA environmental study area.

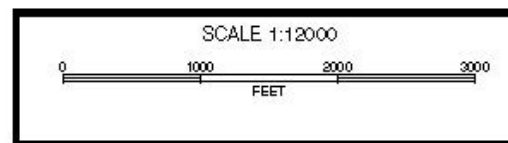
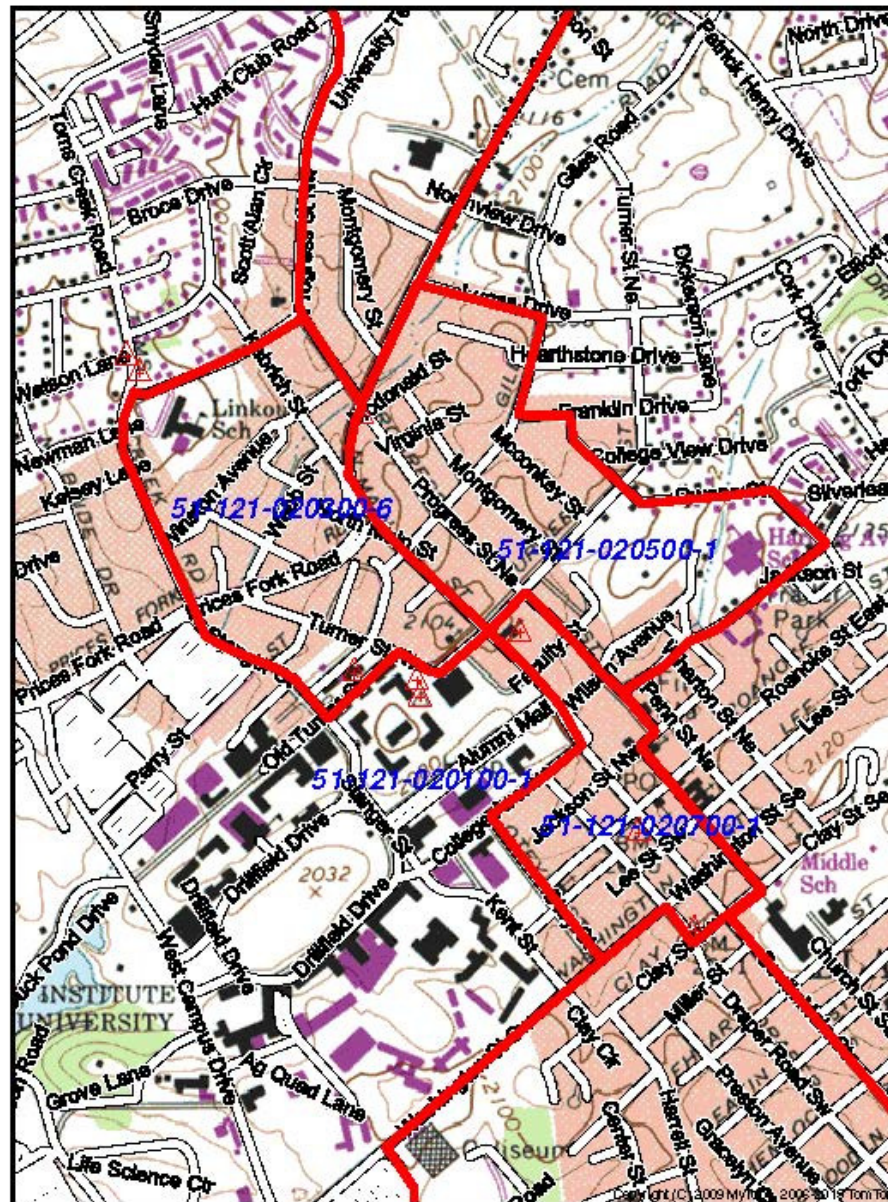
Provide demographic information in the NEPA document in socioeconomic section (race, income level, etc...)

- **Minority** - Black or African American, Hispanic, Asian American, American Indian/Alaskan Native, and Native Hawaiian or Pacific Islander. <http://www.census.gov/2010census/>
- **Low-income** - DOT and FHWA use the Department of Health and Human Services poverty guidelines. <http://www.usa.com/virginia-state.htm>

Are Environmental Justice Populations present within the study area?

- Minority or low-income population of the environmental justice study area exceeds 50 percent; or
- Minority or low-income population percentage of a Census Block is meaningfully greater (greater than 10%) than the average minority or low-income population percentage of the environmental justice study area

“No minority or low-income populations have been identified that would be adversely impacted by the proposed project as determined above. Therefore, in accordance with the provisions of E.O. 12898 and FHWA Order 6640.23, no further EJ analysis is required.”



Virginia

Virginia

Basic Information

[Population and Races](#)

[Income and Careers](#)

[Housing](#)

[School District](#)

[Public Schools](#)

[Private Schools](#)

[Public Library](#)

[Crime and Crime Rate](#)

[Weather](#)

[Natural Disasters & Extremes](#)

[Air Quality](#)

[Environmental Watch](#)

[City and City Map](#)

[Zip Code and Maps](#)

[Government](#)

Basic Info Population/Races Income/Careers Housing Education Crime/Crime Rate Others

Virginia has 39,490.06 square miles of land area and 3,284.84 square miles of water area. As of 2010, the total Virginia population is 8,001,024, which has grown 13.03% since 2000. The population growth rate is higher than the national average rate of 9.71%. Virginia median household income is \$63,636 in 2008-2012 and has grown by 36.33% since 2000. The income growth rate is higher than the national average rate of 26.32%. Virginia median house value is \$249,700 in 2008-2012 and has grown by 99.12% since 2000. The house value growth rate is much higher than the national average rate of 51.67%. As a reference, the national Consumer Price Index (CPI) inflation rate for the same period is 26.63%.

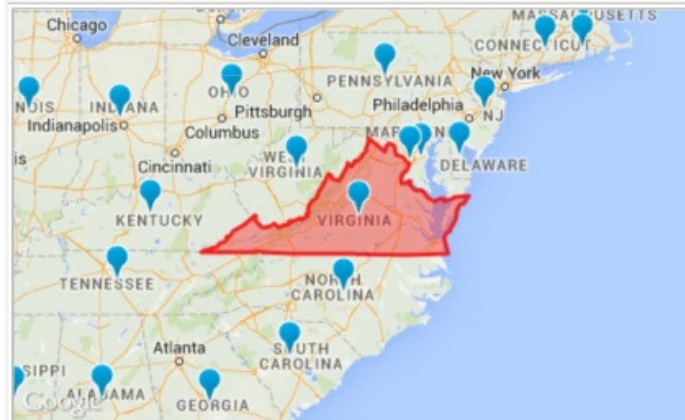
Population: [8,001,024 \(2010\)](#), rank [#12](#)
Population Growth: [13.03% since 2000](#), rank [#16](#)
Population Density: [187.05/sq mi](#), rank [#14](#)
Median Household Income: [\\$63,636 at 2008-2012—36.33% increase since 2000](#), rank [#9](#)
Median House Price: [\\$249,700 at 2008-2012—99.12% increase since 2000](#), rank [#11](#)
Time Zone: Eastern GMT -5:00 with Daylight Saving in the Summer
Land Area: 39,490 sq mi, rank [#36](#)
Water Area: 3,285 sq mi (7.68%), rank [#15](#)

Hot Virginia Rankings

[Fastest](#) / [Slowest](#) Growing Cities in VA
[High](#) / [Low](#) VA Cities by Males Employed
[High](#) / [Low](#) VA Cities by Females Employed
[Best](#) / [Worst](#) Cities by Crime Rate in VA
[Richest](#) / [Poorest](#) Cities by Income in VA
[Expensive](#) / [Cheapest](#) Homes by City in VA
[Most](#) / [Least](#) Educated Cities in VA

Virginia Map, Border, and Nearby Locations

States Map View. Full data. Click icon to show name.



Show More Locations on the Map

[Census Blocks**](#)
[Census Block Groups**](#)
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States

+ If the color of the links above is gray, please zoom in on the map to see the data.

* Census Blocks, Census Block Groups, and Census Tracts are geo areas that are normally smaller than the size of a city. Census Blocks provide block and community level information. They are great for understanding areas within a city.

Virginia Area Codes

[276](#), [434](#), [540](#), [571](#), [703](#), [757](#), [804](#)



Local Data Search

Search State, County, City, Zip Code, or Area Code

[USA.com](#) / [Virginia](#) / [Montgomery County](#) / [Blacksburg, VA](#)

Blacksburg, VA

Basic Information

[Population and Races](#)

[Income and Careers](#)

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Montgomery County

Virginia State

Blacksburg, Christiansburg, Radford Area

Blacksburg, VA

[Basic Info](#) [Population/Races](#) [Income/Careers](#) [Housing](#) [Education](#) [Crime/Crime Rate](#) [Others](#)

Blacksburg is located in west Virginia. Blacksburg is part of Montgomery County. Blacksburg has 19.89 square miles of land area and 0.03 square miles of water area. As of 2010, the total Blacksburg population is 42,620, which has grown 7.70% since 2000. The population growth rate is much lower than the state average rate of 13.03% and is lower than the national average rate of 9.71%. Blacksburg median household income is \$29,769 in 2008-2012 and has grown by 32.23% since 2000. The income growth rate is lower than the state average rate of 38.33% and is higher than the national average rate of 26.32%. Blacksburg median house value is \$259,600 in 2008-2012 and has grown by 80.28% since 2000. The house value growth rate is lower than the state average rate of 99.12% and is much higher than the national average rate of 51.67%. As a reference, the national Consumer Price Index (CPI) inflation rate for the same period is 26.63%. On average, the public school district that covers Blacksburg is close to the state average in quality. The Blacksburg area code is [540](#).

Population [42,620 \(2010\)](#), rank [#22](#)
Population Growth [7.70% since 2000](#), rank [#146](#)
Population Density: [2,139.17/sq mi](#), rank [#113](#)
Median Household Income: [\\$29,769 at 2008-2012—32.23% increase since 2000](#), rank [#512](#)
Median House Price: [\\$259,600 at 2008-2012—80.28% increase since 2000](#), rank [#171](#)
Time Zone: Eastern GMT -5:00 with Daylight Saving in the Summer
Land Area: [19.89 sq mi](#), rank [#20](#)
Water Area: [0.03 sq mi \(0.16%\)](#), rank [#233](#)
State: [Virginia](#)
Area: [Blacksburg-Christiansburg-Radford, VA](#)
County: [Montgomery County](#)
School District: [★★★★★](#), rank [#575](#)
Area Code: [540](#)
Zip Code: [24060](#) [24061](#) [24062](#) [24063](#)
Accommodations: [Blacksburg Hotels](#)

Hot Rankings

[Fastest / Slowest](#) Growing Cities Nearby
[Best / Worst](#) Cities by Crime Rate Nearby
[Richest / Poorest](#) Cities by Income Nearby
[Expensive / Cheapest](#) Homes Nearby
[Most / Least](#) Educated Cities Nearby
[Fastest / Slowest](#) Growing Cities in VA
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[Most / Least](#) Educated Cities in VA

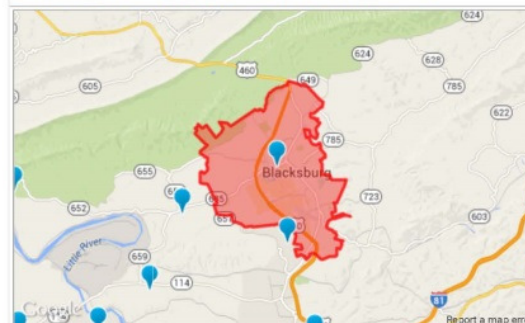
Medical Assistant Schools

Further Your Career With a Diploma in Medical Assisting. Apply Now!



Blacksburg, VA Map, Border, and Nearby Locations

Cities Map View. Full data. Click icon to show name.



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* Based on the U.S. 2010 Data

Block Group 020100-1

Basic Information

Population and Races

Income and Careers

Housing

Census Tract 020100

Blacksburg, VA

Montgomery County

Virginia State

Blacksburg,
Christiansburg, Radford
Area

Census Block Group 020100-1 in Montgomery County, Virginia

Basic Information Population and Races Income and Careers Housing

Population [1,635 \(2010\)](#), [see rank](#)
House Units [2](#), [see rank](#)
Race [Whites: 86.7%](#), [Hispanics: 3.9%](#), [Blacks: 2.9%](#), [Asians: 6%](#), [Others: 4.4%](#)
Population Density: [1,408.85/sq mi](#), [see rank](#)
Time Zone: Eastern GMT -5:00 with Daylight Saving in the Summer
Land Area: 1.15 sq mi, [see rank](#)
Water Area: 0.01 sq mi (0.90%), [see rank](#)
State: [Virginia](#)
Area: [Blacksburg-Christiansburg-Radford, VA](#)
County: [Montgomery County](#)
City: [Blacksburg](#)
Census Tract: [020100](#)
School District: [Montgomery County Public Schools](#) ★★★★★

Hot Rankings

[The Richest Block Group Nearby](#)
[House Price Ranking Nearby](#)
[Population Ranking Nearby](#)
[Fastest / Slowest Growing Cities in VA](#)
[High / Low VA Cities by Males Employed](#)
[High / Low VA Cities by Females Employed](#)
[Best / Worst Cities by Crime Rate in VA](#)
[Richest / Poorest Cities by Income in VA](#)
[Expensive / Cheapest Homes by City in VA](#)
[Most / Least Educated Cities in VA](#)

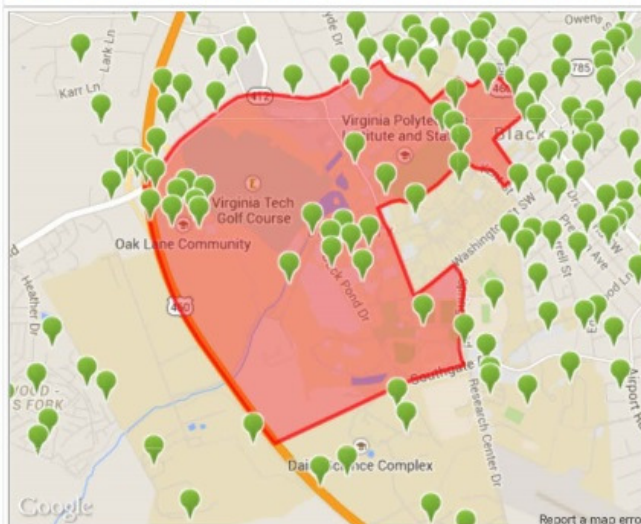
Medical Assistant Schools

Further Your Career With a Diploma in Medical Assisting. Apply Now!

○ ○

Block Group 020100-1 Map, Border, and Nearby Locations

Census Blocks Map View. **Partial data.** Zoom in to see more. Click icon to show name.



Show More Locations on the Map

Census Blocks*

[Census Block Groups*](#)
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ENVIRONMENTAL JUSTICE ANALYSIS

**North Main Street – Town of Blacksburg
State Project # U000-150-111, P101, R201, C501
UPC # 67974**

Are Environmental Justice populations present within the study area?

- 1) Environmental Justice populations are present in one of the following circumstances:
 - a. The minority or low-income population of the environmental justice study area exceeds 50 percent; or
 - b. The minority or low-income population percentage of a Census Block is meaningfully greater (greater than 10%) than the minority or low-income population percentage of the environmental justice study area. Small clusters or dispersed populations may also be present.
- 2) No minority or low-income populations have been identified that would be adversely impacted by the proposed project as determined above. Therefore, in accordance with the provisions of E.O. 12898 and FHWA Order 6640.23, no further Environmental Justice analysis is required.

MINORITY POPULATION ANALYSIS – Based On 2010 US Census Data								
STATE	COUNTY	TRACT	BLKGRP	GEO ID	NAME	POPULATION		
						TOTAL	MINORITY	MINORITY %
51	121	020100	1	51-121-020100-1	Block Group 1	1635	209	12.8%
51	121	020300	6	51-121-020300-6	Block Group 6	1033	207	20.0%
51	121	020500	1	51-121-020500-1	Block Group 1	809	104	12.9%
51	121	020700	1	51-121-020700-1	Block Group 1	1452	276	19.0%
Total Environmental Justice Study Area (51-121-020100-1 + 51-121-020300-6 + 51-121-020500-1 + 51-121-020700-1)						4929	796	16.1%
Environmental Justice Evaluator Factor (10% greater x Total Environmental Justice Study Area)								17.71%
Environmental Justice (EJ) populations are present: Minority Population Percentages in both Tract 020300, Block Group 6 and Tract 020700, Block Group 1 are each greater than the Environmental Justice Evaluator Factor. However, there are no impacts to EJ populations (i.e., no relocations, no displacements, no disruption of community, and no disruption of emergency services).								

LOW-INCOME ANALYSIS – Based on Median Household Income	
TOWN OF BLACKSBURG	
United States	\$ 53,046
Virginia	\$ 63,636
Town of Blacksburg	\$ 29,769
Census Tract 020100	\$ 2,729*
Block Group 1	\$ 3,025*
Census Tract 020300	\$ 37,317
Block Group 6	\$ 11,963*
Census Tract 020500	\$ 44,083
Block Group 1	\$ 29,299
Census Tract 020700	\$ 35,060
Block Group 1	\$ 27,813
Median Household Incomes for subject Town, Census Tracts and Block Groups each exceeds the 2013 Health and Human Services Guidelines (except as noted below); these guidelines state that a family of four is considered at poverty level if the median household income is \$23,550 or below. As each category exceeds \$23,550, no low-income population is considered to be present. Note: Census Tract 020100 and Block Group 1 represent on-campus student populations enrolled at Virginia Tech, while Block Group 6 (Census Tract 020300) represents an off-campus student population enrolled at Virginia Tech.	

In conclusion, no minority or low-income populations have been identified that would be adversely impacted by the proposed project, as determined above. Therefore, in accordance with the provisions of E.O. 12898 and FHWA Order 6640.23, no further Environmental Justice analysis is required.